



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Franklin H. Portugal

Examiner: J. Souaya

Serial No.: 09/027,439

Group Art Unit: 1634

Filed: February 20, 1998

Title: COMPOSITIONS AND METHODS FOR DIFFERENTIATING AMONG
SHIGELLA SPECIES AND SHIGELLA FROM E. COLI SPECIES

RESPONSE UNDER 37 CFR §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 21, 2002, please amend the above identified application as indicated below and consider the remarks which follow.

IN THE CLAIMS

Please amend claims 47, 48 and 52 as follows.

47. (TWICE AMENDED) An isolated nucleic acid molecule comprising SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, or SEQ ID NO: 6,
or an RNA equivalent thereof,
or a nucleic acid complementary to said isolated molecule, capable of base-pairing according to the standard Watson-Crick complementarity rules,
or a nucleic acid substantially complementary to said isolated molecule which is capable of hybridizing to the nucleic acid molecule under the following stringent conditions:
hybridization at 40°-65 °C for 14-16 hours in a hybridization solution at pH 7.8,